

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59247 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 20 2012

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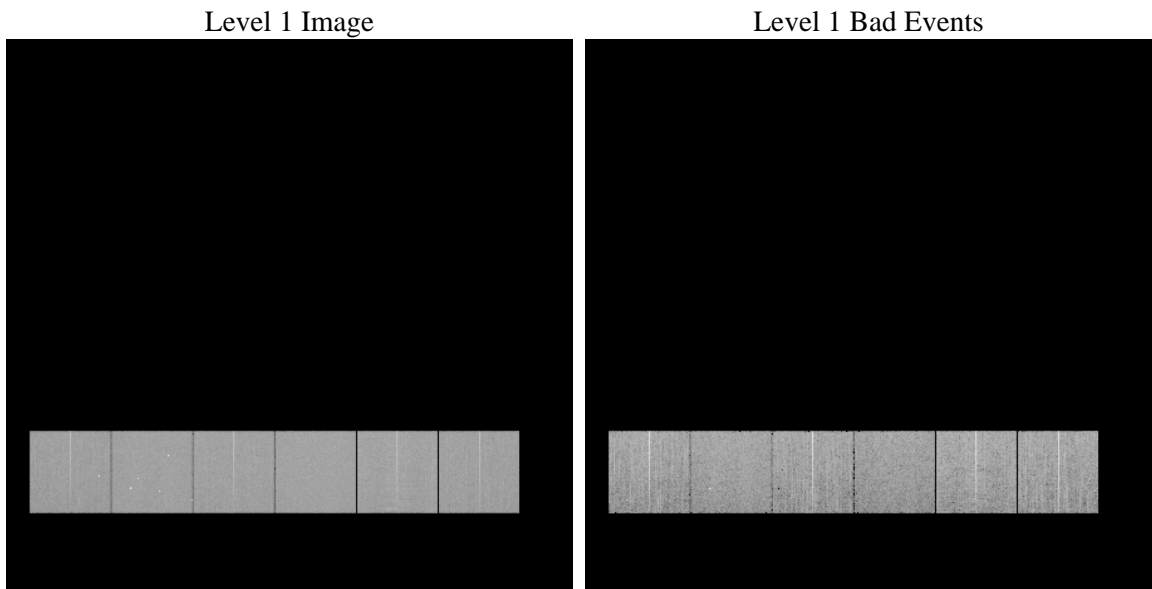
1 Front

seq_num	 	Sequence number
obs_id	59247	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	108.47357680519	Nominal RA [deg]
dec_nom	35.018705717819	Nominal Dec [deg]
roll_nom	106.33470230717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime4	7896.0050836802	Sum of GTIs [s]
ontime5	8275.1999691725	Sum of GTIs [s]
ontime6	8271.958988905	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
ontime8	8275.1999691725	Sum of GTIs [s]
ontime9	8132.5967459083	Sum of GTIs [s]
l2events	1016962	Number of level 2 events

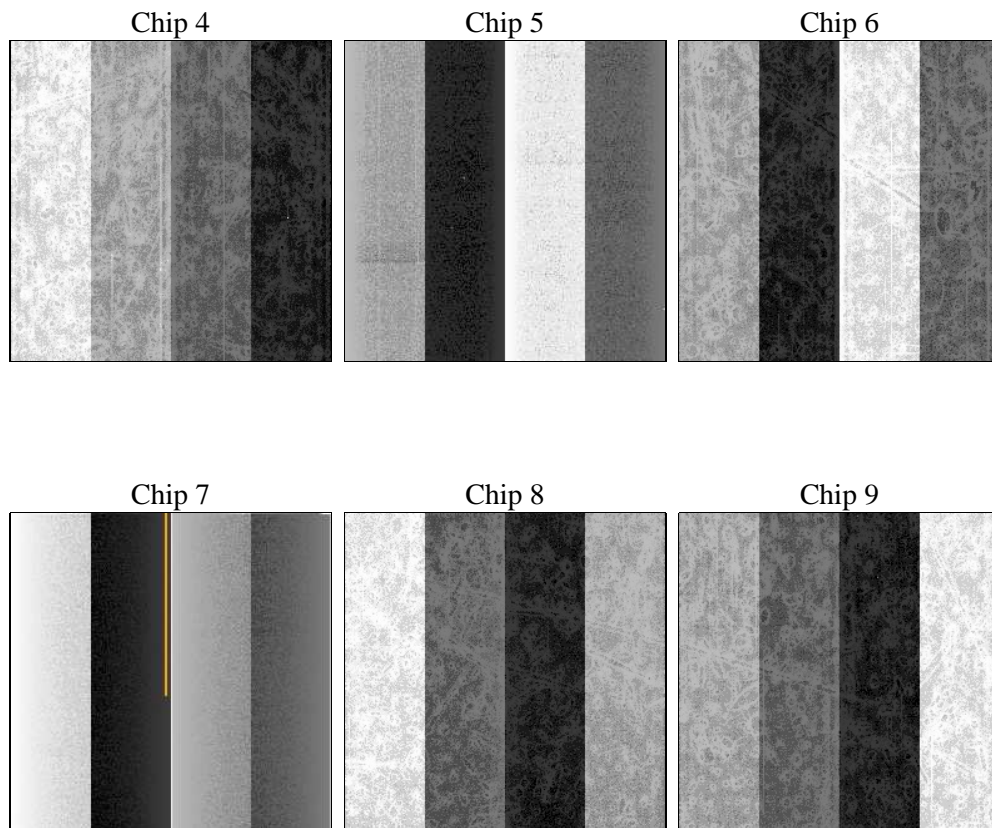
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	8275.1999691725	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7896.0050836802	Sum of GTIs [s]
date	2012-03-20T02:45:37	Date and time of file creation	ontime5	8275.1999691725	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.958988905	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			ontime8	8275.1999691725	Sum of GTIs [s]
			ontime9	8132.5967459083	Sum of GTIs [s]
			l1events	1479383	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	227780	247213	246243	256914	261911	239322	grade 0 events	93773	38682	97612	46727	101572	92946
rejected events	66327	61830	65696	55172	72449	69244		41%	15%	39%	18%	38%	38%
rejected %	29%	25%	26%	21%	27%	28%	grade 1 events	772	224	558	184	564	629
								0%	0%	0%	0%	0%	0%
							grade 2 events	25556	65790	31437	44049	33551	29067
								11%	26%	12%	17%	12%	12%
							grade 3 events	10791	10722	11307	19675	12839	11174
								4%	4%	4%	7%	4%	4%
							grade 4 events	10974	10380	11424	19767	12519	11135
								4%	4%	4%	7%	4%	4%
							grade 5 events	3636	9608	3985	9545	5023	4294
								1%	3%	1%	3%	1%	1%
							grade 6 events	20359	59809	28767	71524	28981	25756
								8%	24%	11%	27%	11%	10%
							grade 7 events	61919	51998	61153	45443	66862	64321
								27%	21%	24%	17%	25%	26%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	108.4735768051944	Alternating exposures requested	N	N
[deg] Pointing Dec	0	35.01870571781908	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	106.3347023071701			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	250654394.994864	250654393.96984			
Observation start date	2005-12-11T02:13:15	2005-12-11T02:13:13			
[s] Observation end time (MET)	250676233.645875	250676232.62085			
Observation end date	2005-12-11T08:17:14	2005-12-11T08:17:12			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments